AGRICULTURAL LANDS -- CLASS 1 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Bayou de Chien	Mississippi River	0.0	Headwaters	30.6	Fulton	Graves	30.6
Big Sandy River	Ohio River	0.0	Levisa Fork	26.8	Boyd	Lawrence	26.8
Canoe Creek	Ohio River	0.0	Headwaters	14.8	Henderson	Henderson	14.8
Clarks River	Tennessee River	0.0	East Fork Clarks River	59.9	McCracken	Calloway	59.9
Cumberland River	Ohio River	0.0	Lake Barkley Dam	30.6	Livingston	Livingston	30.6
Elam Ditch	Canoe Creek	0.0	Headwaters	8.0	Henderson	Henderson	8.0
Green River	Pond River	55.1	Rough River	71.3	McLean	McLean	16.2
Green River	Green River Lake	339.9	Dry Fork	344.2	Adair	Casey	4.3
Highland Creek	Ohio River	0.0	Headwaters	31.7	Union	Webster	31.7
Leech Creek	Mayfield Creek	0.0	Headwaters	6.4	Graves	Graves	6.4
Mayfield Creek	Mississippi River	0.0	Headwaters	61.3	Carlisle	Graves	61.3
Obion Creek	Mississippi River	0.0	Headwaters	60.7	Fulton	Graves	60.7
Ohio River	Mississippi River	0.0	Clover Creek	270.5	Ballard	Breckinridge	270.5
Ohio River	Otter Creek	345.0	Patton Creek	405.1	Meade	Oldham	60.1
Ohio River	Tygarts Creek	628.2	Big Sandy River	664.0	Greenup	Boyd	35.8
Tennessee River	Ohio River	0.0	Kentucky Lake Dam	22.4	McCracken	Livingston	22.4
West Fork Canoe Creek	Canoe Creek	0.0	Headwaters	7.0	Henderson	Henderson	7.0
West Fork Clarks River	Clarks River	0.0	Headwaters	37.5	McCracken	Calloway	37.5
Wilson Creek	Canoe Creek	0.0	Headwaters	7.2	Henderson	Henderson	7.2

AGRICULTURAL LANDS -- CLASS 2 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Barren River	Green River	0.0	Lock & Dam No. 1	15.0	Butler	Warren	15.0
Blaine Creek	Big Sandy River	0.0	Yatesville Dam	12.0	Lawrence	Lawrence	12.0
Brush Creek	Obion Creek	0.0	Headwaters	8.5	Hickman	Hickman	8.5
Brush Creek	Eagle Creek	0.0	Headwaters	14.2	Grant	Owen	14.2

AGRICULTURAL LANDS -- CLASS 2 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Brushy Fork	Green River Lake	1.8	Sportsman Lake Dam	4.6	Taylor	Taylor	2.8
Cane Creek	Bayou de Chien	0.0	Headwaters	10.2	Hickman	Hickman	10.2
Cherokee Creek	Blaine Creek	0.0	Headwaters	5.0	Lawrence	Lawrence	5.0
Cumberland River	Tennessee State Line	385.5	Wolf Creek Dam	460.9	Monroe	Russell	75.4
Cumberland River	Jellico Creek	574.8	Indian Creek	623.8	Whitley	Knox	49.0
Drakes Creek	Barren River	0.0	West & Middle Forks	23.5	Warren	Warren	23.5
Eagle Creek	Kentucky River	0.0	Headwaters	93.4	Carroll	Scott	93.4
Elk Fork Red River	Tennessee State Line	8.4	Headwaters	37.2	Todd	Todd	28.8
Green River	South Fork	344.2	Headwaters	383.5	Adair	Lincoln	39.3
Irish Creek	Blaine Creek	0.0	Headwaters	5.8	Lawrence	Lawrence	5.8
Jellico Creek	Cumberland River	0.0	Tennessee State Line	25.1	Whitley	McCreary	25.1
Kentucky River	Ohio River	0.0	Elkhorn Creek	51.9	Carroll	Franklin	51.9
Kentucky River	Upper Howard Creek	187.2	Millers Creek	225.8	Clark	Estill	38.6
Levisa Fork	Toms Creek	0.0	Fishtrap Lake Dam	58.2	Lawrence	Johnson	58.2
Little Mud Creek	Bayou de Chien	0.0	Headwaters	7.2	Fulton	Fulton	7.2
Long Branch	Green River Lake	0.6	Headwaters	6.1	Taylor	Taylor	5.5
Middle Fork Kentucky River	North Fork Kentucky River	0.0	Buckhorn Lake Dam	43.3	Lee	Perry	43.3
Mississippi River	Tennessee State Line	882.6	Ohio River	953.8	Fulton	Ballard	71.2
Montgomery Creek	West Fork Red River	0.0	Headwaters	10.7	Christian	Christian	10.7
Mud River	Green River	0.0	Headwaters	70.6	Butler	Logan	70.6
Pond Creek	Highland Creek	0.0	Headwaters	17.2	Union	Henderson	17.2
Pond River	Green River	0.0	Headwaters	101.1	Hopkins	Todd	101.1
Robinson Creek	Green River Lake	18.5	Headwaters	28.1	Taylor	Taylor	9.6
Running Slough	Tennessee State Line	0.0	Headwaters	15.3	Fulton	Fulton	15.3
South Fork Licking River	Crooked Creek	16.6	Townsend Creek	59.8	Harrison	Bourbon	43.2
South Fork Little Barren River	Little Barren River	0.0	Headwaters	35.8	Metcalfe	Metcalfe	35.8
Spring Creek	Tennessee State Line	14.4	Headwaters	22.7	Todd	Todd	8.3
Sugar Creek	Cumberland River	0.0	Headwaters	10.4	Livingston	Livingston	10.4
Tallow Creek	Robinson Creek	0.0	Headwaters	5.5	Taylor	Taylor	5.5
Whippoorwill Creek	Red River	0.0	Headwaters	44.7	Logan	Todd	44.7

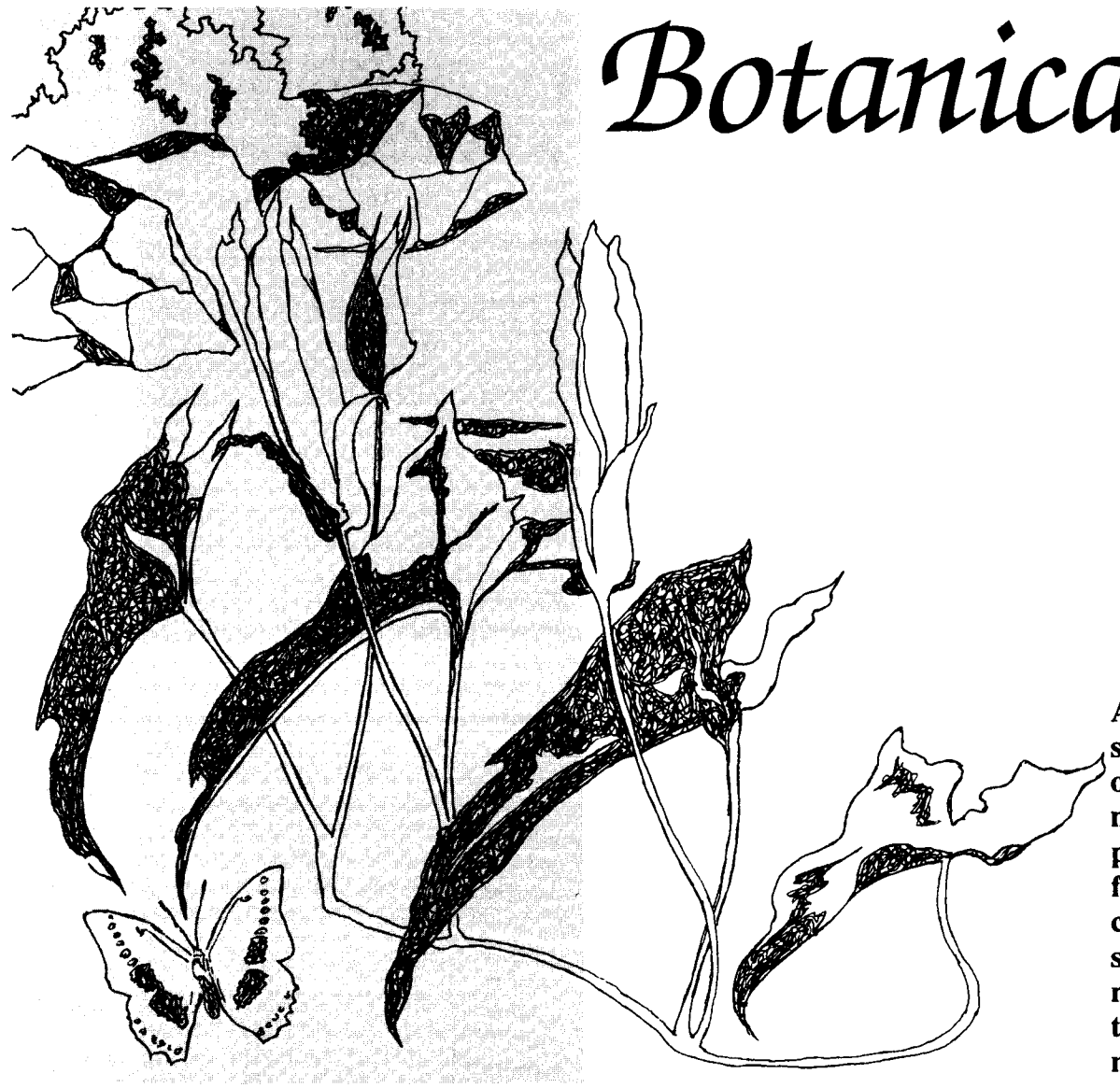
AGRICULTURAL LANDS --CLASS 3 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Adams Fork	Rough River	0.0	Headwaters	14.4	Ohio	Hancock	14.4
Bacon Creek	Nolin Lake	5.7	Headwaters	31.2	Hart	Hart	25.5
Barren River	Barren River Lake	118.5	Headwaters	158.7	Allen	Monroe	40.2
Bayou Creek	Ohio River	0.0	Headwaters	22.8	Livingston	Livingston	22.8
Beaver Creek	Barren River Lake	13.2	Headwaters	38.2	Barren	Metcalfe	25.0
Bull Run Creek	Dry Creek	0.0	Headwaters	4.0	Casey	Casey	4.0
Caney Creek	Rough River	0.0	North Fork	33.9	Ohio	Grayson	33.9
Caney Fork	Craborchard Creek	0.0	Headwaters	11.0	Webster	Union	11.0
Casey Creek	Green River Lake	8.8	Headwaters	22.9	Adair	Casey	14.1
Clanton Creek	Humphrey Creek	0.0	Headwaters	14.9	Ballard	Ballard	14.9
Coefield Creek	Deer Creek	0.0	Headwaters	11.5	Crittenden	Crittenden	11.5
Cypress Creek	Tradewater River	0.0	Headwaters	10.3	Union	Union	10.3
Deer Creek	Ohio River	0.0	Headwaters	18.8	Crittenden	Crittenden	18.8
Doe Run	Doe Run Lake	4.0	Headwaters	8.0	Meade	Meade	4.0
Dry Creek	Casey Creek	0.0	Headwaters	14.5	Adair	Casey	14.5
Dry Fork	Chaplin River	0.0	Headwaters	9.0	Mercer	Boyle	9.0
East Fork Little Sandy River	Little Sandy River	0.0	Headwaters	45.9	Greenup	Lawrence	45.9
Elkhorn Creek	Kentucky River	0.0	Forks of Elkhorn	17.8	Franklin	Franklin	17.8
Goose Creek	Wilson Creek	0.0	Headwaters	6.5	Graves	Graves	6.5
Green River	Rough River	71.3	Mud River	108.6	Ohio	Butler	37.3
Green River	Dry Run	208.1	I-65	222.6	Edmonson	Hart	14.5
	(10 miles below Brownsville, Ky)		(5 miles below Munfordville, Ky)				
Humphreys Creek	Ohio River	0.0	Headwaters	20.5	Ballard	Ballard	20.5
Hurricane Creek	Ohio River	0.0	Headwaters	17.7	Crittenden	Crittenden	17.7
Johns Creek	Dewey Lake at Buffalo Creek	18.9	Headwaters	63.7	Floyd	Pike	44.8
Kentucky River	Elkhorn Creek	51.9	Clear Creek	95.4	Franklin	Woodford	43.5
Levisa Fork	Toms Creek	58.2	Fishtrap Lake Dam	126.1	Johnson	Pike	67.9
Licking River	South Fork Licking River	51.7	Cedar Creek	87.4	Pendleton	Harrison	35.7
Little Mud Creek	Mud Creek	0.0	Headwaters	8.3	Floyd	Floyd	8.3
Little River	Lake Barkley	16.3	North & South Forks	61.0	Trigg	Christian	44.7
Little Sandy River	Grayson Lake	70.6	Headwaters	83.5	Elliott	Elliott	12.9

AGRICULTURAL LANDS -- CLASS 3

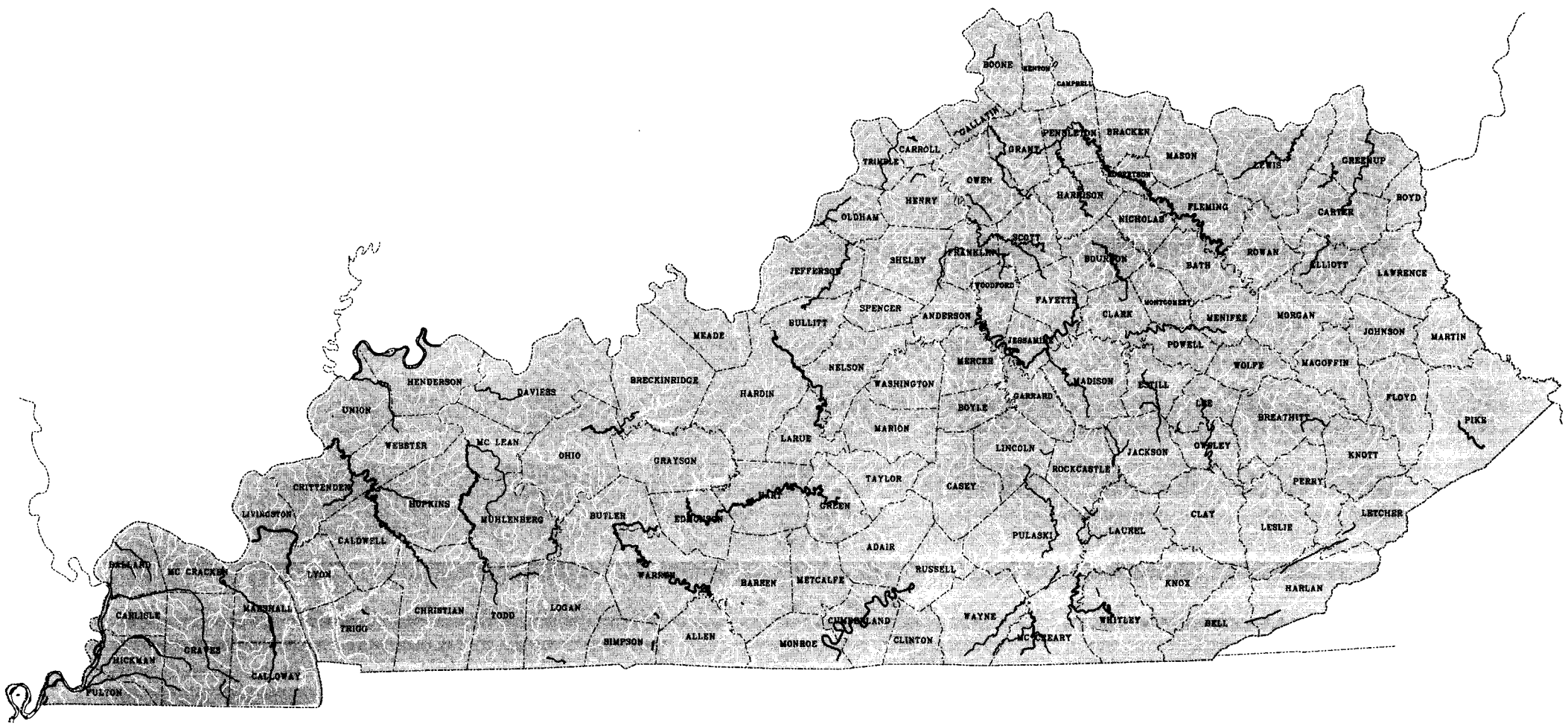
River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Long Branch	Ohio River	0.0	Headwaters	7.0	Livingston	Livingston	7.0
Lost Creek	Ohio River	0.0	Headwaters	10.0	Union	Union	10.0
Mill Creek	Salt River	0.0	Headwaters	23.6	Hardin	Hardin	23.6
Mud Creek	Levisa Fork	0.0	Headwaters	17.1	Floyd	Floyd	17.1
Muddy Creek	Rough River	0.0	Headwaters	15.0	Ohio	Ohio	15.0
Nolin River	Nolin Lake	64.3	North Fork	121.5	Grayson	Larue	57.2
Otter Creek	Ohio River	0.0	Headwaters	24.5	Meade	Hardin	24.5
Panther Creek	Green River	0.0	South Fork	22.6	Daviess	Daviess	22.6
Red Lick Creek	Station Camp Creek	0.0	Headwaters	18.1	Estill	Madison	18.1
Red River	Kentucky River	0.0	Headwaters	94.2	Clark	Wolfe	94.2
Red River	Tennessee State Line	50.2	Tennessee State Line	80.5	Simpson	Logan	30.3
Rocky Creek	Mud River	0.0	Lake Malone Dam	15.2	Muhlenberg	Muhlenberg	15.2
Rolling Fork	Salt River	0.0	Moore Creek	93.7	Bullitt	Marion	93.7
Rolling Fork	Moore Creek	93.7	Big South Fork	107.9	Marion	Marion	14.2
Rough River	Rough River Lake	133.8	Headwaters	153.9	Hardin	Hardin	20.1
Salt River	Rolling Fork River	11.0	Taylorsville Lake Dam	59.5	Bullitt	Spencer	48.5
Salt River	Hammonds Creek	88.5	Quirks Run	141.3	Anderson	Boyle	52.8
Sinking Fork Little River	Lake Barkley	3.0	Headwaters	35.5	Trigg	Christian	32.5
Six Mile Creek	Kentucky River	0.0	Headwaters	23.6	Shelby	Henry	23.6
South Fork Elkhorn Creek	Forks of Elkhorn	0.0	Headwaters	52.7	Franklin	Fayette	52.7
South Fork Kentucky River	Kentucky River	0.0	Red Bird River	45.1	Lee	Clay	45.1
South Fork Licking River	Licking River	0.0	Crooked Creek	16.6	Pendleton	Harrison	16.6
South Fork Licking River	Townsend Creek	59.8	Stoner Creek	65.1	Bourbon	Bourbon	5.3
South Fork Panther Creek	Panther Creek	0.0	Headwaters	25.3	Daviess	Ohio	25.3
Stoner Creek	Green River Lake	0.0	Headwaters	5.9	Taylor	Taylor	5.9
Trace Fork	South Fork Green River	0.0	Headwaters	9.8	Casey	Casey	9.8
Tradewater River	Ohio River	0.0	Headwaters	131.2	Crittenden	Christian	131.2
Trumans Creek	Mayfield Creek	0.0	Headwaters	7.9	Carlisle	Carlisle	7.9
Woods Creek	Casey Creek	0.0	Headwaters	5.1	Casey	Casey	5.1
Spring Creek	Caney Creek	0.0	Headwaters	2.0	Grayson	Grayson	2.0

Botanical Resources



A number of significant terrestrial and aquatic plant species contribute substantially to the natural diversity of Kentucky. River-related ecosystems contain significant populations of rare plants as well as unique plant communities. Further, such plant communities frequently serve as corridors that link dispersed ecological features into more functional and valuable natural systems. Critical plant communities associated with river systems provide natural, educational, and scientific values, and their protection is vital to conserving the natural diversity of Kentucky.

Botanical Resource Study Rivers



EVALUATION METHODOLOGY

Rivers and river segments that met specific minimum standards were evaluated in terms of their significant botanical values. Each study river included within the botanical resource category met one of the following **minimum standards:**

- presence of federal or state-listed rare plant species or presence of unusual plant communities
- presence of known, extensive forested habitats

The botanical significance of each study river was determined by the presence of rare or unique plant species, undisturbed plant communities, or formally designated natural areas. Those study rivers with rare plants or rivers adjacent to areas recognized by federal or state designation were ranked highest. The area evaluated included the river and the adjacent corridor extending 500 feet outward from each river bank.

The evaluation process consisted of establishing specific characteristics or attributes required to meet one of three value class rankings. Resource experts then determined the value class most appropriate for each study river. Further, river segments having extensive forested habitats (areas extending at least 500 feet from each bank for a distance of one or more miles) were considered significant, and future research is anticipated to result in the identification of additional rivers of botanical significance.

Class 1 - study rivers known to support at least one federal or state endangered plant species, or areas registered or eligible for national natural landmark, national park or other federal or state conservation area designation, or designated Kentucky Wild Rivers.

Class 2 - study rivers that include notable, relatively undisturbed plant communities (old growth woods, extensive wetlands or other similar areas) or study rivers adjacent to national forest, state forest, or wildlife management lands.

Class 3 - all other study rivers considered to have botanical significance.

FINDINGS

A total of 140 segments (10.3% of the rivers studied in the assessment) covering 2,808.6 miles (7.3% of the total miles studied in the assessment) were evaluated in the Botanical Resource category. Segments ranged in length from one mile (Addison Branch and Kennedy Creek) to 131.2 miles (Tradewater River).

One-half of the total botanical rivers and streams are within the boundaries of federal and state managed areas that afford varying degrees of protection to rare plant species and communities. These areas include Kentucky Wild Rivers, Kentucky State Nature Preserves, University Natural Areas, formally designated conservation areas, national parks, and designated or potential national natural landmarks. Rock Creek in Laurel County has been designated as a USDA-Forest Service Research Natural Area, the only such area in Kentucky, and the headwaters of Elisha Creek have been identified as a potential Research Natural Area.

Painted Trillium

Fred Kirchhoff

Eleven of the river corridors studied by the botanical team are imminently threatened by destruction or alteration from logging, mining, channelization, and/or agricultural runoff (Table 5).

Table 5. Botanical Resource Rivers at Risk

River	Type of Threat
Bayou de Chien	Moderate to high danger of alteration or destruction
Beaver Creek	Moderate danger
Blood River	Low to moderate danger
Clarks River	Moderate to high danger of alteration or destruction
Cypress Creek	High danger of alteration or destruction
Mayfield Creek	Moderate to high danger
Muddy Creek	Moderate to high danger
Panther Creek	Moderate to high danger
Pond River	High danger of alteration or destruction
Shawnee Creek	Moderate danger
Tradewater River	Moderate to high danger

Ninety-seven rivers covering 1,654.1 miles were identified as Class I botanical rivers. They ranged in length from 1.0 to 131.2 miles, averaging 17.1 miles. Class 1 rivers were distributed throughout the state and include most major rivers--Ohio, Mississippi, Kentucky, Licking and Cumberland.

Thirteen rivers covering 268.2 miles were identified as Class 2 botanical rivers. Class 2 rivers ranged in length from 3.7 to 69.7 miles, averaging 20.6 miles. These rivers are distributed throughout the state.

Thirty rivers covering 886.3 miles were identified as Class 3 rivers. Class 3 rivers ranged in length from 1.0 to 101.1 miles, averaging 29.5 miles. The majority of these rivers are located in central and eastern Kentucky.

Table 6. Summary of Botanical Resource Evaluations

	Class 1	Class 2	Class 3	Total
Number of Segments	97	13	30	140
Miles	1654.1	268.2	886.3	2808.6

SOURCES OF INFORMATION

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Kentucky Nature Preserves Commission, *Wetland Protection Strategies for Kentucky*, Frankfort, Kentucky, 1986.

U.S. Department of the Interior, *Nationwide Rivers Inventory*, National Park Service, Washington, D.C., 1982.

Squirrel Corn

Fred Kirchhoff

BOTANICAL RESOURCES -- CLASS 1 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Addison Branch	Cumberland River	0.0	Headwaters	1.0	Pulaski	Pulaski	1.0
Archers Creek	Cumberland River	0.0	Headwaters	3.2	Whitley	Whitley	3.2
Bad Branch	Poor Fork Cumberland River	0.0	Headwaters	4.1	Letcher	Letcher	4.1
Bayou de Chien	Mississippi River	0.0	Headwaters	30.6	Fulton	Graves	30.6
Beals Run	Elkhorn Creek, South Fork	0.0	Headwaters	30.6	Woodford	Woodford	30.6
Beaver Creek	Lake Cumberland	2.2	Headwaters	9.2	McCreary	McCreary	7.0
Big Bone Creek	Ohio River	0.0	Beaver Branch	7.4	Boone	Boone	7.4
Big Sinking Creek	Millers Creek	0.0	Headwaters	14.0	Lee	Lee	14.0
Big South Fork Cumberland R.	Ky 92	40.3	Tennessee State Line	55.2	McCreary	McCreary	14.9
Blood River	Kentucky Lake	8.3	Tennessee State Line	15.7	Calloway	Calloway	7.4
Boone Creek	Kentucky River	0.0	Headwaters	17.1	Clark	Fayette	17.1
Buck Creek	Lake Cumberland	10.5	Lincoln County Line	52.4	Pulaski	Pulaski	41.9
Buckhorn Creek	Troublesome Creek	0.0	Jakes Branch	8.9	Breathitt	Knott	8.9
Butler Branch	Ky 55	0.3	Mt. Pleasant Church	2.6	Adair	Adair	2.3
Cane Creek	Rockcastle River	0.0	Headwaters	12.0	Laurel	Laurel	12.0
Clarks River	Tennessee River	0.0	East Fork Clarks River	59.9	McCracken	Calloway	59.9
Clemons Fork	Buckhorn Creek	0.0	Headwaters	4.7	Breathitt	Breathitt	4.7
Clifty Creek	Wolf Lick Creek	0.0	Sulphur Lick	13.2	Todd	Logan	13.2
Coles Fork	Buckhorn Creek	0.0	Headwaters	6.4	Breathitt	Knott	6.4
Cumberland River	River Mile 449	449.0	Snow Island near Sycamore Creek	451.1	Clinton	Russell	2.1
Cumberland River	Rock Branch	557.3	Jellico Creek	574.8	McCreary	Whitley	17.5
Cumberland River	Lake Cumberland	558.5	US 25W near Williamsburg	591.7	McCreary	Whitley	33.2
Cypress Creek	Pond River	0.0	Headwaters	33.3	McLean	Muhlenberg	33.3
Cypress Creek	Muhlenberg/McLean County Line	18.0	US 70	26.3	Muhlenberg	Muhlenberg	8.3
Davis Branch	Yellow Creek	0.0	Headwaters	4.3	Bell	Bell	4.3
Dix River	Conway Creek Road	74.4	Headwaters	80.0	Rockcastle	Rockcastle	5.6
Eagle Creek	Gallatin/Carroll County Line	10.2	Ky 35	14.7	Gallatin	Gallatin	4.5
Elisha Creek	Red Bird River	0.0	Big Middle Fork Elisha Creek	5.1	Leslie	Leslie	5.1

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Elk Lick Creek	Kentucky River	0.0	Headwaters	3.5	Fayette	Fayette	3.5
Elkhorn Creek	Kentucky River	0.0	Fish Hatchery, Indian Gap Road	3.5	Franklin	Franklin	3.5
Fall Lick	1/2 mile above Indian Branch	2.5	Bethel Church	6.6	Garrard	Garrard	4.1
Fork Lick	Licking River, South Fork	0.0	Headwaters	17.3	Grant	Grant	17.3
Green River	Lock & Dam No. 6	181.7	Greensburg, Ky.	279.3	Edmonson	Green	97.6
Gulf Fork	Cooper Creek	0.0	Headwaters	1.5	McCreary	McCreary	1.5
Gunpowder Creek	Camp Michael	7.5	Camp Ernst	13.7	Boone	Boone	6.2
Hazel Creek	Axe Lake Swamp	0.0	Ky 1105	2.8	Ballard	Ballard	2.8
Highland Creek	Ohio River	0.0	Headwaters	31.7	Union	Webster	31.7
Horse Lick Creek	Rockcastle River	0.0	Headwaters	21.2	Jackson	Jackson	21.2
Howards Creek	Dale Hollow Lake	0.8	Caney Branch Church	2.3	Clinton	Clinton	1.5
Humphreys Creek	Ohio River	0.0	Headwaters	20.5	Ballard	Ballard	20.5
Indian Creek	Lake Cumberland	7.3	Headwaters	8.4	Clinton	Clinton	1.1
Jessamine Creek	Kentucky River	0.0	Ky 29	13.3	Jessamine	Jessamine	13.3
Kentucky River	RM 5.5	5.5	RM 8.5 (Goose Creek)	8.5	Carroll	Carroll	3.0
Kentucky River	RM 89 (near BG Pkwy)	89.0	RM 176.5 (Ft Boonesborough SP)	176.5	Anderson	Clark	87.5
Kentucky River	RM 165.5 (near Hines Creek)	165.5	RM 169.0 (near I75)	169.0	Fayette	Fayette	3.5
Kinniconick Creek	Ohio River	0.0	Headwaters	50.4	Lewis	Lewis	50.4
Laurel River	Lick Fork	41.2	Ky 1803	46.6	Laurel	Laurel	5.4
Lee Branch	Elkhorn Creek, South Fork	0.0	Headwaters	10.0	Woodford	Woodford	10.0
Licking River	South Fork Licking River	51.7	3 miles below I-64 bridge	159.0	Pendleton	Bath	107.3
Line Fork	Line Fork, Ky.	14.9	Gordon, Ky.	19.3	Letcher	Letcher	4.4
Little South Fork Cumberland R	Lake Cumberland	4.1	Tennessee State Line	43.7	McCreary	Wayne	39.6
Little Yellow Creek	US 25	1.6	Fern Lake Dam	3.2	Bell	Bell	1.6
Lower Hood Branch	Red River, Middle Fork	0.0	Headwaters	1.8	Powell	Powell	1.8
Martins Fork	Rough Branch	27.4	Headwaters (Cumberland Gap Park)	37.2	Harlan	Bell	9.8
Mayfield Creek	Mississippi River	0.0	Headwaters	61.3	Carlisle	Graves	61.3
Meadow Creek	Ky 90	1.3	KY 1619	4.9	Wayne	Wayne	3.6
Middle Creek	Belleview	2.7	1 mile upstream of Boone Cliffs Preserve	5.4	Boone	Boone	2.7
Middle Fork Drakes Creek	Drakes Creek	0.0	Goodrun Road	2.8	Warren	Warren	2.8

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Middle Fork Red River	Sinking Fork	11.3	Ky 11 (near Torrent, KY)	13.7	Wolfe	Wolfe	2.4
Mississippi River	Tennessee State Line	882.6	Ohio River	953.8	Fulton	Ballard	71.2
Montgomery Creek	Tradewater River	0.0	1 mi. s. of northern Illinois Central RR	2.2	Caldwell	Caldwell	2.2
Muddy Creek	Rough River	0.0	Headwaters	15.0	Ohio	Ohio	15.0
Nolin River	Green River	0.0	Nolin Lake Dam	8.1	Edmonson	Edmonson	8.1
Obion Creek	Mississippi River	0.0	Ky 339	44.4	Fulton	Graves	44.4
Ohio River	Highland Creek (Henderson Slough)	139.5	Deadman's Island	172.7	Union	Henderson	33.2
Ohio River	Diamond Island	163.5	Green River	197.4	Henderson	Henderson	33.9
Ohio River	River Mile 371.9	371.9	River Mile 377.9 (below Falls of Ohio)	377.9	Jefferson	Jefferson	6.0
Ohio River	River Mile 382.3 (near Cox Park)	382.3	Harrods Creek	385.5	Jefferson	Jefferson	3.2
Ohio River	River Mile 498.5 (near Taylorsport, KY)	498.5	River Mile 501.5	501.5	Boone	Boone	3.0
Panther Creek	Kentucky Lake	0.0	1 mile above TVA boundry	1.5	Calloway	Calloway	1.5
Pine Creek	Rockcastle River	0.0	Headwaters	7.0	Laurel	Laurel	7.0
Piney Creek	Tradewater River	0.0	Headwaters	25.5	Crittenden	Crittenden	25.5
Pond Creek	Mayo Lane	1.7	Ky 42	3.3	Oldham	Oldham	1.6
Raven Run	Kentucky River	0.0	Headwaters	2.8	Fayette	Fayette	2.8
Red River	Kentucky River	0.0	Clark Branch	59.0	Clark	Wolfe	59.0
Roaring Paunch Creek	Big South Fork	0.0	Tennessee State Line	15.7	McCreary	McCreary	15.7
Rock Creek	Rockcastle River	0.0	Headwaters	2.0	Laurel	Laurel	2.0
Rock Creek	Big South Fork Cumberland River	0.0	Tennessee State Line	21.9	McCreary	McCreary	21.9
Rockcastle River	Lake Cumberland	8.5	Ky 80	22.1	Laurel	Laurel	13.6
Rough River	Ky 69 at Dundee, Ky	56.5	Rough River Lake Dam	89.4	Ohio	Breckinridge	32.9
Russell Fork	Levisa Fork	0.0	Virginia State Line	16.0	Pike	Pike	16.0
Shillalah Creek	Clear Fork	0.0	Headwaters	5.4	Bell	Bell	5.4
South Fork Elkhorn Creek	Buck Run	4.9	1 mile above Lee's Branch	17.4	Franklin	Woodford	12.5
South Fork Harrods Creek	Harrods Creek	0.0	Interstate 71	4.5	Oldham	Oldham	4.5
Spruce Creek	Cooper Creek	0.0	Spruce Hollow	2.6	McCreary	McCreary	2.6
Station Camp Creek	Alumbaugh, Ky.	15.1	War Fork	22.3	Estill	Jackson	7.2

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Sturgeon Creek	Little Sturgeon Creek	13.7	Brushy Creek	15.6	Owsley	Owsley	1.9
Sugar Run	Clear Fork	0.0	Headwaters	3.2	Bell	Bell	3.2
Sulphur Creek	Halifax-Settle Road Bridge	2.4	Carl Hurt Road Bridge	4.4	Allen	Allen	2.0
Terrapin Creek	Tennessee State Line	2.8	Ky 1485	5.3	Graves	Graves	2.5
Tight Hollow Creek	Mill Creek	0.0	Headwaters	1.7	Wolfe	Wolfe	1.7
Tradewater River	Ohio River	0.0	Headwaters	131.2	Crittenden	Christian	131.2
Troublesome Creek	Buckhorn Creek	14.2	Cat Hollow	16.2	Perry	Perry	2.0
Tygarts Creek	Greenup County Line	49.0	Ky 182	65.3	Carter	Carter	16.3
Upper Hood Branch	Lower Hood Branch	0.0	Headwaters	1.6	Powell	Powell	1.6
War Fork Station Camp Creek	Station Camp Creek	0.0	Headwaters	13.7	Jackson	Jackson	13.7
Youngs Creek	Ky 204	3.4	Headwaters	6.1	Whitley	Whitley	2.7

BOTANICAL RESOURCES--CLASS 2 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Bunches Creek	Cumberland River	0.0	Headwaters	4.9	Whitley	Whitley	4.9
Clear Creek	Tradewater River	0.0	Airport Road	24.2	Hopkins	Hopkins	24.2
Little River	Lake Barkley	16.3	Ky 272	24.4	Trigg	Trigg	8.1
Marsh Creek	Cumberland River	0.0	Ky 92	18.7	McCreary	McCreary	18.7
Middle Fork Rockcastle River	Rockcastle River	0.0	Indian Creek	7.8	Jackson	Jackson	7.8
Mud River	Green River	0.0	Wolf Lick Creek	30.5	Butler	Logan	30.5
Racoon Creek	Horse Lick Creek	0.0	Headwaters	5.0	Jackson	Jackson	5.0
Right Fork Buffalo Creek	Buffalo Creek	0.0	Headwaters	11.1	Owsley	Owsley	11.1
Rolling Fork	Salt River	0.0	Marion County Line	69.7	Bullitt	Bullitt	69.7
Shawnee Creek	Mississippi River	0.0	Headwaters	17.4	Ballard	Ballard	17.4
South Fork Kentucky River	Kentucky River	0.0	Red Bird River	45.1	Lee	Clay	45.1
South Fork Station Camp Creek	Station Camp Creek	0.0	RM 22 near Long Branch	22.0	Jackson	Jackson	22.0
Troublesome Creek	Big South Fork Cumberland River	0.0	Headwaters	3.7	McCreary	McCreary	3.7

BOTANICAL RESOURCES -- CLASS 3 RIVERS

River Name	Downstream Endpoint	River Mile	Upstream Endpoint	River Mile	Downstream County	Upstream County	Study Length
Barren River	Green River	0.0	Ky 67	31.0	Butler	Warren	31.0
Barren River	Drakes Creek	43.6	Barren River Lake Dam	79.2	Warren	Allen	35.6
Benson Creek	Kentucky River	0.0	Headwaters	28.4	Franklin	Anderson	28.4
Cedar Creek	Kentucky River	0.0	Elmville, Ky	12.5	Owen	Franklin	12.5
Colliers Creek	Poor Fork Cumberland River	0.0	Headwaters	2.0	Letcher	Letcher	2.0
Cumberland River	Ohio River	0.0	Lake Barkley Dam	30.6	Livingston	Livingston	30.6
Cumberland River	Tennessee State Line	385.5	Wolf Creek Dam	460.9	Monroe	Russell	75.4
Eagle Creek	Petitt Road Bridge	29.0	Pokeberry Road	79.0	Grant	Scott	50.0
Elkhorn Creek	Kentucky River	0.0	Forks of Elkhorn	17.8	Franklin	Franklin	17.8
Emily Run	Drennon Creek	0.0	Headwaters	9.0	Henry	Henry	9.0
Floyds Fork	Salt River	0.0	Oldham County Line	50.0	Bullitt	Oldham	50.0
Green River	Lock & Dam No. 4	148.0	Bear Creek	168.4	Butler	Butler	20.4
Harrods Creek	Ohio River	0.0	Ky 53	22.3	Jefferson	Oldham	22.3
Kennedy Creek	Little South Fork Cumberland River	0.0	RM 1.0	1.0	Wayne	Wayne	1.0
Laurel River	Lake Cumberland	0.8	Laurel Lake Dam	2.1	Laurel	Laurel	1.3
Little Kentucky River	Ohio River	0.0	Lake Jerrico Dam	27.2	Carroll	Henry	27.2
Little Sandy River	Ohio River	0.0	Grayson Lake Dam	51.0	Greenup	Carter	51.0
Little Sandy River	Grayson Lake	70.6	Headwaters	83.5	Elliott	Elliott	12.9
Lower Troublesome Creek	Rockcastle River	0.0	Headwaters	3.9	Pulaski	Pulaski	3.9
Muddy Fork Little River	Lake Barkley at Ky 778	3.0	Adams Mill Road	9.0	Trigg	Trigg	6.0
Ned Branch	Rockcastle River	0.0	Headwaters	1.9	Laurel	Laurel	1.9
North Fork Elkhorn Creek	Forks of Elkhorn	0.0	Fayette County Line	68.8	Franklin	Scott	68.8
Panther Creek	Green River	0.0	South Fork	22.6	Daviess	Daviess	22.6
Pigeon Creek	Nolin River	0.0	Headwaters	2.6	Edmonson	Edmonson	2.6
Pond River	Green River	0.0	Headwaters	101.1	Hopkins	Todd	101.1
Poor Fork Cumberland River	Cumberland River	694.2	Cumberland, Ky.	719.0	Harlan	Harlan	24.8
Silver Creek	Kentucky River	0.0	Headwaters	36.2	Madison	Madison	36.2
South Fork Licking River	Licking River	0.0	Bourbon County Line	59.8	Pendleton	Harrison	59.8
South Fork Red River	Red River	0.0	Tennessee State Line	8.0	Logan	Logan	8.0
Stoner Creek	South Fork Licking River	0.0	Headwaters	72.2	Bourbon	Clark	72.2